

REMARKS

Status of the Application

Claims 2-28, 30-33 and 35-40 were pending. The Office Action rejected claim 33, and objected to claims 31 and 32. Claims 2-28, 30, and 35-40 were allowed. By way of this amendment, claims 31-33 are amended. Thus, claims 2-28, 30-33 and 35-40 remain pending.

Applicants direct the Examiner's attention to claim 35. Applicants amended claim 35 in the previous response, dated March 27, 2007, but mistakenly indicated it as "Original" in the Listing of Claims, instead of "Currently Amended." Accordingly, in the Listing of Claims in the present amendment, claim 25 is now indicated as "Previously Presented."

Allowable Subject Matter

Applicants acknowledge with appreciation the allowance of claims 2-28, 30, and 35-40 and the indication that dependent claims 31 and 32 would be allowable if rewritten to depend from claim 30.

Objection to the Drawings

The Office Action objected to Fig. 2. In particular, the Office Action stated that Fig. 2 does not "show a structure of an equalizer." *Office Action* at p. 2, par. 2. The text in box 38 of Fig. 2 has been amended to make it more clear that the despreading sequence generator 38 is a joint equalizer/MUD despreading sequence generator. *See, Application* at p. 2, lines 5-15. Withdrawal of the objection is respectfully requested.

Claim Rejections

Claims 31 and 32 were rejected under 35 U.S.C. §112, second paragraph because the terms "said first group" and "said second group" lack proper antecedent basis.

Claims 31 and 32 have been amended to correct the antecedent basis problem regarding the terms "said first group" and "said second group." Reconsideration is respectfully requested.

Claim 33 was rejected under 35 U.S.C. §103 as being unpatentable over U.S. Patent App. Pub. No. 2003/0095588 A1 to Yellin et al. in view of U.S. Patent No. 6,879,623 to Agami et al.

Claim 33 is amended to depend from claim 30, which is an allowed claim. In view of this amendment, reconsideration is respectfully requested.

The amendment of claim 33 was made merely to expedite allowance of the application and was not made to overcome any of the applied references. Applicants reserve the right to pursue in a continuation application the previous version of claim 33.

Conclusion

In view of the above, Applicants believe the pending application is in condition for allowance.

Dated: August 9, 2007

Respectfully submitted,

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